

Statistics in focus

ENVIRONMENT AND
ENERGY

3/2005

Energy

Authors

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Gas prices for EU households on 1 January 2005

This publication includes all gas prices collected by EUROSTAT corresponding to 1 January 2005 expressed in national currencies, purchasing power standards (PPS) and euros¹. Prices are also published considering three levels of taxation: all taxes included, without VAT and without taxes.

The study includes five household standard consumers, coded D1 to D4:

Standard consumer	Annual consumption in Gigajoules
D1	8.37 GJ (i.e. 2326 kWh)
D2 (*)	16.74 GJ (i.e. 4652 kWh)
D3	83.70 GJ (i.e. 23 260 kWh)
D3-b	125.60 GJ (i.e. 34 890 kWh)
D4	1047.00 GJ (i.e. 290 750 kWh)

(*) For the United Kingdom there is an additional standard consumer, i.e. D2b 33.49 GJ (or 9 300 kWh).

Variations in gas prices (all taxes included) for households expressed in euro or national currency (for non euro-zone countries) from 1 January 2004² to 1 January 2005 reveal a general upward trend in most of the countries studied.

For standard consumer group D3* and for prices with all taxes included the countries with the largest increase for the last twelve months are Denmark (49%), Netherlands (16%) and Luxembourg (15%), while those with the most significant decrease are Austria (3%), Lithuania and Bulgaria (1%).

For the same consumer group the EU-15 and EU-25 average prices weighted by consumption increased also by 5% during the last twelve months, as shown in the following table:

		in € / GJ		
		With taxes	VAT excluded	Taxes excluded
EU-25				
2004		10.84	9.38	8.07
2005		11.43	9.86	8.52
EU-15				
2002		11.43	9.87	8.42
2003		11.49	9.92	8.37
2004		11.34	9.83	8.38
2005		11.90	10.28	8.80

Prices as of 1 January each year

* The standard consumer D3 corresponds to a household with the following equipment: cooking, water heating and central heating



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¹ Average value for January 2005 for non euro-zone countries. See note on page 7 for conversion rates of PPS and euro.

² See Statistics in focus Theme 8 – 4/2004.

Natural gas prices for households

January 1st, 2005

(/GJ)

	euro			PPS		
	With taxes	VAT excluded	Taxes excluded	With taxes	VAT excluded	Taxes excluded
BELGIUM - National						
D1	19.10	15.78	15.41	17.76	14.67	14.33
D2	17.16	14.19	13.81	15.96	13.20	12.84
D3	11.16	9.22	8.85	10.38	8.57	8.23
D3-b	10.66	8.81	8.43	9.91	8.19	7.84
D4	9.48	7.84	7.46	8.82	7.29	6.94
GERMANY - Düsseldorf						
D1	25.46	21.94	20.42	22.58	19.46	18.11
D2	20.85	17.97	16.44	18.49	15.94	14.58
D3	14.76	12.72	11.19	13.09	11.28	9.92
D3-b	14.11	12.17	10.64	12.51	10.79	9.44
D4	13.02	11.22	9.69	11.55	9.95	8.59
GERMANY - Hamburg						
D1	23.88	20.58	19.06	21.18	18.25	16.90
D2	19.49	16.81	15.28	17.28	14.91	13.55
D3	13.53	11.67	10.14	12.00	10.35	8.99
D3-b	12.86	11.08	9.56	11.40	9.83	8.48
D4	11.50	9.92	8.39	10.20	8.80	7.44
GERMANY - Hannover						
D1	23.30	20.08	18.56	20.66	17.81	16.46
D2	19.37	16.69	15.17	17.18	14.80	13.45
D3	14.11	12.17	10.64	12.51	10.79	9.44
D3-b	13.44	11.58	10.06	11.92	10.27	8.92
D4	12.02	10.36	8.83	10.66	9.19	7.83
GERMANY - Dortmund						
D1	23.01	19.83	18.31	20.41	17.59	16.24
D2	19.14	16.50	14.97	16.97	14.63	13.28
D3	14.50	12.50	10.97	12.86	11.09	9.73
D3-b	13.95	12.03	10.50	12.37	10.67	9.31
D4	13.44	11.58	10.06	11.92	10.27	8.92
GERMANY - Frankfurt/M						
D1	23.17	19.97	18.44	20.55	17.71	16.35
D2	18.62	16.06	14.53	16.51	14.24	12.89
D3	14.21	12.25	10.72	12.60	10.86	9.51
D3-b	13.66	11.78	10.25	12.11	10.45	9.09
D4	12.12	10.44	8.92	10.75	9.26	7.91
GERMANY- Stuttgart						
D1	33.61	28.97	27.44	29.81	25.69	24.33
D2	22.65	19.53	18.00	20.09	17.32	15.96
D3	13.89	11.97	10.44	12.32	10.62	9.26
D3-b	13.15	11.33	9.81	11.66	10.05	8.70
D4	11.50	9.92	8.39	10.20	8.80	7.44
GERMANY - Munich						
D1	21.75	18.75	17.22	19.29	16.63	15.27
D2	18.01	15.53	14.00	15.97	13.77	12.42
D3	14.50	12.50	10.97	12.86	11.09	9.73
D3-b	13.63	11.75	10.22	12.09	10.42	9.06
D4	12.82	11.06	9.53	11.37	9.81	8.45
GERMANY - Weser-Ems						
D1	23.14	19.94	18.42	20.52	17.68	16.34
D2	18.98	16.36	14.83	16.83	14.51	13.15
D3	12.63	10.89	9.36	11.20	9.66	8.30
D3-b	12.05	10.39	8.86	10.69	9.21	7.86
D4	11.08	9.56	8.03	9.83	8.48	7.12

Natural gas prices for households

January 1st, 2005

(/GJ)

	euro			PPS		
	With taxes	VAT excluded	Taxes excluded	With taxes	VAT excluded	Taxes excluded
GERMANY - Dresden						
D1	24.26	20.92	19.39	21.51	18.55	17.20
D2	19.69	16.97	15.44	17.46	15.05	13.69
D3	13.89	11.97	10.44	12.32	10.62	9.26
D3-b	13.53	11.67	10.14	12.00	10.35	8.99
D4	12.37	10.67	9.14	10.97	9.46	8.11
GERMANY - Berlin						
D1	25.33	21.83	20.31	22.46	19.36	18.01
D2	20.17	17.39	15.86	17.89	15.42	14.07
D3	13.60	11.72	10.19	12.06	10.39	9.04
D3-b	12.92	11.14	9.61	11.46	9.88	8.52
D4	11.76	10.14	8.61	10.43	8.99	7.64
SPAIN - National						
D1	17.04	14.69	14.69	17.99	15.50	15.50
D2	15.14	13.05	13.05	15.98	13.77	13.77
D3	11.90	10.25	10.25	12.55	10.82	10.82
D3-b	11.61	10.01	10.01	12.26	10.57	10.57
D4	8.41	7.25	7.25	8.87	7.65	7.65
FRANCE - Paris						
D1	18.05	15.57	15.57	16.35	14.10	14.10
D2	15.90	13.54	13.54	14.40	12.26	12.26
D3	10.57	9.00	9.00	9.57	8.15	8.15
D3-b	10.13	8.64	8.64	9.17	7.82	7.82
D4	8.82	7.39	7.39	7.99	6.69	6.69
FRANCE - Lille						
D1	18.05	15.57	15.57	16.35	14.10	14.10
D2	15.90	13.54	13.54	14.40	12.26	12.26
D3	10.57	9.00	9.00	9.57	8.15	8.15
D3-b	10.13	8.64	8.64	9.17	7.82	7.82
D4	8.82	7.39	7.39	7.99	6.69	6.69
FRANCE - Strasbourg ⁽¹⁾						
D1	26.74	23.03	23.03	24.21	20.85	20.85
D2	20.12	17.16	17.16	18.22	15.54	15.54
D3	11.22	9.57	9.57	10.16	8.67	8.67
D3-b	10.64	9.03	9.03	9.64	8.18	8.18
D4	9.18	7.70	7.70	8.31	6.97	6.97
FRANCE - Lyon						
D1	18.05	15.57	15.57	16.35	14.10	14.10
D2	15.90	13.54	13.54	14.40	12.26	12.26
D3	10.57	9.00	9.00	9.57	8.15	8.15
D3-b	10.13	8.64	8.64	9.17	7.82	7.82
D4	8.82	7.39	7.39	7.99	6.69	6.69
FRANCE - Marseille						
D1	18.05	15.57	15.57	16.35	14.10	14.10
D2	15.90	13.54	13.54	14.40	12.26	12.26
D3	10.57	9.00	9.00	9.57	8.15	8.15
D3-b	10.13	8.64	8.64	9.17	7.82	7.82
D4	8.82	7.39	7.39	7.99	6.69	6.69
FRANCE - Toulouse						
D1	18.05	15.57	15.57	16.35	14.10	14.10
D2	15.90	13.54	13.54	14.40	12.26	12.26
D3	10.57	9.00	9.00	9.57	8.15	8.15
D3-b	10.13	8.64	8.64	9.17	7.82	7.82
D4	8.82	7.39	7.39	7.99	6.69	6.69

⁽¹⁾ Data source : Gaz de Strasbourg

Natural gas prices for households

January 1st, 2005

(/GJ)

	euro			PPS		
	With taxes	VAT excluded	Taxes excluded	With taxes	VAT excluded	Taxes excluded
IRELAND - National						
D1	23.80	20.97	20.97	18.89	16.64	16.64
D2	19.76	17.41	17.41	15.68	13.82	13.82
D3	9.98	8.80	8.80	7.92	6.98	6.98
D3-b	9.60	8.45	8.45	7.62	6.71	6.71
D4	:	:	:	:	:	:
ITALY - National						
D1	:	:	:	:	:	:
D2	:	:	:	:	:	:
D3	:	:	:	:	:	:
D3-b	:	:	:	:	:	:
D4	:	:	:	:	:	:
LUXEMBOURG - National						
D1	15.16	14.30	14.30	12.36	11.66	11.66
D2	13.34	12.59	12.59	10.88	10.26	10.26
D3	8.14	7.68	7.68	6.63	6.26	6.26
D3-b	8.01	7.56	7.56	6.53	6.16	6.16
D4	7.79	7.35	7.35	6.35	5.99	5.99
NETHERLANDS - National						
D1	19.85	16.68	23.76	17.94	15.08	21.48
D2	17.25	14.50	15.91	15.59	13.11	14.38
D3	15.29	12.75	9.64	13.82	11.52	8.71
D3-b	14.79	12.61	9.11	13.37	11.40	8.23
D4	13.36	11.23	8.19	12.08	10.15	7.40
AUSTRIA - National						
D1	21.17	17.64	15.03	19.12	15.93	13.57
D2	17.14	14.28	11.87	15.48	12.90	10.72
D3	13.36	11.14	8.91	12.07	10.06	8.05
D3-b	12.99	10.83	8.62	11.73	9.78	7.78
D4	11.17	9.31	7.19	10.09	8.41	6.49
PORTUGAL - National						
D1	19.70	18.76	18.76	24.00	22.93	22.86
D2	17.62	16.78	16.78	21.47	20.97	20.45
D3	12.34	11.75	11.75	15.04	14.68	14.32
D3-b	11.97	11.40	11.40	14.59	14.17	13.89
D4	11.32	10.78	10.78	13.79	13.27	13.14

Natural gas prices for households

January 1st, 2005

(/GJ)

	National currency			euro			PPS		
	With taxes	VAT excluded	Taxes excluded	With taxes	VAT excluded	Taxes excluded	With taxes	VAT excluded	Taxes excluded
CZECH REPUBLIC	CZK								
National									
D1	336.78	283.01	283.01	11.11	9.34	9.34	18.39	15.45	15.45
D2	297.37	249.89	249.89	9.81	8.25	8.25	16.24	13.64	13.64
D3	227.09	190.83	190.83	7.49	6.30	6.30	12.40	10.42	10.42
D3-b	215.67	181.24	181.24	7.12	5.98	5.98	11.78	9.90	9.90
D4	194.09	163.10	163.10	6.40	5.38	5.38	10.60	8.90	8.90
DENMARK - National	DKK								
D1	310.60	248.50	172.80	41.74	33.40	23.22	30.40	24.32	16.91
D2	211.60	169.30	93.60	28.44	22.75	12.58	20.71	16.57	9.16
D3	211.60	169.30	93.60	28.44	22.75	12.58	20.71	16.57	9.16
D3-b	211.60	169.30	93.60	28.44	22.75	12.58	20.71	16.57	9.16
D4	210.90	168.80	93.00	28.34	22.69	12.50	20.64	16.52	9.10
ESTONIA - National	EEK								
D1	125.87	106.67	106.67	8.04	6.82	6.82	13.03	11.04	11.04
D2	93.74	79.44	79.44	5.99	5.08	5.08	9.71	8.22	8.22
D3	72.44	61.39	61.39	4.63	3.92	3.92	7.50	6.36	6.36
D3-b	69.49	58.89	58.89	4.44	3.76	3.76	7.19	6.10	6.10
D4	66.87	56.67	56.67	4.27	3.62	3.62	6.92	5.87	5.87
LATVIA - National	LVL								
D1	4.43	3.75	3.75	6.36	5.39	5.39	12.78	10.82	10.82
D2	3.89	3.30	3.30	5.59	4.74	4.74	11.22	9.52	9.52
D3	3.16	2.68	2.68	4.54	3.85	3.85	9.11	7.73	7.73
D3-b	3.13	2.65	2.65	4.50	3.81	3.81	9.03	7.64	7.64
D4	3.00	2.54	2.54	4.31	3.65	3.65	8.65	7.33	7.33
LITHUANIA - National	LTR								
D1	27.84	23.59	23.59	8.06	6.83	6.83	15.74	13.33	13.33
D2	27.84	23.59	23.59	8.06	6.83	6.83	15.74	13.33	13.33
D3	18.68	15.83	15.83	5.41	4.58	4.58	10.56	8.95	8.95
D3-b	18.68	15.83	15.83	5.41	4.58	4.58	10.56	8.95	8.95
D4	16.38	13.88	13.88	4.74	4.02	4.02	9.26	7.85	7.85
HUNGARY - National	HUF								
D1	1876.07	1631.36	1631.36	7.61	6.62	6.62	12.06	10.49	10.49
D2	1681.68	1462.33	1462.33	6.82	5.93	5.93	10.81	9.40	9.40
D3	1526.17	1327.11	1327.11	6.19	5.38	5.38	9.81	8.53	8.53
D3-b	1513.20	1315.83	1315.83	6.14	5.34	5.34	9.73	8.46	8.46
D4	1490.40	1296.00	1296.00	6.05	5.26	5.26	9.58	8.33	8.33
POLAND - National	PLN								
D1	37.58	30.80	30.80	9.21	7.55	7.55	16.52	13.54	13.54
D2	35.97	29.48	29.48	8.82	7.23	7.23	15.81	12.96	12.96
D3	30.80	25.25	25.25	7.55	6.19	6.19	13.54	11.10	11.10
D3-b	29.74	24.37	24.37	7.29	5.97	5.97	13.07	10.71	10.71
D4	28.39	23.27	23.27	6.96	5.70	5.70	12.48	10.23	10.23

Natural gas prices for households

January 1st, 2005

(/GJ)

	National currency			euro			PPS		
	With taxes	VAT excluded	Taxes excluded	With taxes	VAT excluded	Taxes excluded	With taxes	VAT excluded	Taxes excluded
SLOVENIA - National	SIT								
D1	4053.00	3378.00	3187.00	16.90	14.09	13.29	21.76	18.13	17.11
D2	2729.00	2274.00	2084.00	11.38	9.48	8.69	14.65	12.21	11.19
D3	2477.00	2064.00	1874.00	10.33	8.61	7.82	13.30	11.08	10.06
D3-b	2456.00	2047.00	1857.00	10.24	8.54	7.74	13.18	10.99	9.97
D4	:	:	:	:	:	:	:	:	:
SLOVAK REPUBLIC National	SKK								
D1	498.00	418.00	418.00	12.91	10.84	10.84	23.17	19.45	19.45
D2	397.00	334.00	334.00	10.29	8.66	8.66	18.47	15.54	15.54
D3	314.00	264.00	264.00	8.14	6.84	6.84	14.61	12.28	12.28
D3-b	305.00	256.00	256.00	7.91	6.64	6.64	14.19	11.91	11.91
D4	277.00	233.00	233.00	7.18	6.04	6.04	12.89	10.84	10.84
SWEDEN - National	SEK								
D1	226.60	181.30	127.80	25.05	20.04	14.13	20.08	16.07	11.33
D2	210.00	168.00	114.50	23.21	18.57	12.66	18.61	14.89	10.15
D3	200.70	160.60	106.00	22.18	17.75	11.72	17.79	14.23	9.39
D3-b	199.70	159.70	105.20	22.07	17.65	11.63	17.70	14.15	9.32
D4	202.00	161.50	107.20	22.33	17.85	11.85	17.90	14.31	9.50
UNITED KINGDOM National ⁽¹⁾	GBP								
D1	6.47	6.16	6.16	9.26	8.82	8.82	8.52	8.11	8.11
D2	5.51	5.25	5.25	7.89	7.51	7.51	7.26	6.91	6.91
D3	4.74	4.51	4.51	6.78	6.46	6.46	6.24	5.94	5.94
D3-b	4.67	4.45	4.45	6.68	6.37	6.37	6.15	5.86	5.86
D4	4.56	4.34	4.34	6.53	6.21	6.21	6.00	5.72	5.72
D2-b	5.03	4.79	4.79	7.20	6.86	6.86	6.62	6.31	6.31

(1) Extra standard consumer "D2-b" for United Kingdom

Natural gas prices for households

January 1st, 2005

(/GJ)

	National currency			euro			PPS		
	With taxes	VAT excluded	Taxes excluded	With taxes	VAT excluded	Taxes excluded	With taxes	VAT excluded	Taxes excluded
BULGARIA - National	BGN								
D1	13.05	10.87	10.87	6.67	5.56	5.56	17.26	14.38	14.38
D2	13.39	11.16	11.16	6.84	5.70	5.70	17.70	14.75	14.75
D3	13.17	10.97	10.97	6.73	5.61	5.61	17.41	14.51	14.51
D3-b	10.53	8.78	8.78	5.38	4.49	4.49	13.93	11.60	11.60
D4	12.24	10.20	10.20	6.26	5.22	5.22	16.19	13.49	13.49
CROATIA - National	HRK								
D1	60.32	50.11	47.37	7.99	6.64	6.27	13.49	11.21	10.59
D2	60.32	50.11	47.37	7.99	6.64	6.27	13.49	11.21	10.59
D3	60.32	50.11	47.37	7.99	6.64	6.27	13.49	11.21	10.59
D3-b	60.32	50.11	47.37	7.99	6.64	6.27	13.49	11.21	10.59
D4	60.32	50.11	47.37	7.99	6.64	6.27	13.49	11.21	10.59
ROMANIA - National	ROL								
D1	182 862.29	153 665.79	153 665.79	4.79	4.03	4.03	10.26	8.62	8.62
D2	182 862.29	153 665.79	153 665.79	4.79	4.03	4.03	10.26	8.62	8.62
D3	182 862.29	153 665.79	153 665.79	4.79	4.03	4.03	10.26	8.62	8.62
D3-b	182 862.29	153 665.79	153 665.79	4.79	4.03	4.03	10.26	8.62	8.62
D4	182 862.29	153 665.79	153 665.79	4.79	4.03	4.03	10.26	8.62	8.62

► ESSENTIAL INFORMATION – METHODOLOGICAL NOTES

Prices for the standard consumers are given in national currencies, PPS (purchasing power standard, annual estimated value) and in euro (average value for January 2005) for non euro-zone countries.

Conversion table in PPS and euro

1 PPS =

BE	(EUR)	1.08	FR	(EUR)	1.10	HU	(HUF)	155.50	SK	(SKK)	21.49
CZ	(CZK)	18.32	IE	(EUR)	1.26	NL	(EUR)	1.11	SE	(SEK)	11.28
DK	(DKK)	10.22	IT	(EUR)	1.04	AT	(EUR)	1.11	UK	(GBP)	0.76
DE	(EUR)	1.13	LV	(LVL)	0.35	PL	(PLN)	2.27	BG	(BGN)	0.76
EE	(EEK)	9.66	LT	(LTR)	1.77	PT	(EUR)	0.82	HR	(HRK)	4.47
ES	(EUR)	0.95	LU	(EUR)	1.23	SI	(SIT)	186.29	RO	(ROL)	17830.7

1 euro =

CZ	(CZK)	30.30	LT	(LTR)	3.45	SK	(SKK)	38.57	BG	(BGL)	1.96
DK	(DKK)	7.44	HU	(HUF)	246.48	SE	(SEK)	9.05	HR	(HRK)	7.55
EE	(EEK)	15.65	PL	(PLN)	4.08	UK	(GBP)	0.70	RO	(ROL)	38168
LV	(LVL)	0.70	SI	(SIT)	239.77						

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